

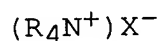
CLAIMS

1. A process for preparing a fluorine containing copolymer by an emulsion polymerization method in the presence of a pH modifier wherein the pH modifier is aqueous ammonia.

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2. The process for preparing a fluorine containing copolymer according to claim 1 wherein a cationic surfactant and a water soluble organic solvent are used as a coagulating agent, in the preparation of the fluorine containing copolymer by coagulating a fluorine containing copolymer in a fluorine containing copolymer dispersed aqueous solution prepared by the emulsion polymerization method.

3. The process for preparing a fluorine containing copolymer according to claim 2 wherein the cationic surfactant is represented by the following formula:



in the formula, R is any one of an alkyl group of 1 to 22 carbon atoms, a fluoroalkyl group obtainable by fluorine replacement of at least one part of hydrogen atoms present in the alkyl group, and a hydrogen atom, four R's may be the same or different, provided that four R's are not hydrogen atoms simultaneously, and x is a halogen atom.

4. The process for preparing a fluorine containing copolymer according to any one of claims 1 to 3 wherein the emulsion polymerization is carried out in the presence of an anionic surfactant as an emulsifying agent.

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5. A fluorine containing copolymer obtainable by a process as claimed in any one of claims 1 to 4 and having a metal element concentration of not more than 1 ppm.

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6. A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 5.

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7. A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 5.